

EXPRESS MAIL LABEL NO. EL642053779US

FILING DATE: February 12, 2001

Atty Docket No: 12569-106

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT
(UTILITY PATENT)

10929 U.S. PRO
09/781459
02/12/01

APPLICANTS: Michael C. Murphy
Malden, MA 02148

POST OFFICE ADDRESS: c/o Custom One Design, Inc.
10 Corey Street
Melrose, MA 02176

INVENTION TITLE: IMPROVED METHODS AND APPARATUSES FOR
RECEIVING AND TRANSMITTING SIGNALS

ASSIGNEE: Custom One Design, Inc.

ATTORNEYS: Jerry Cohen (Reg. No. 20,522)
Harvey Kaye* (Reg. No. 18,978)
Stephen Y. Chow (Reg. No. 31,338)
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Perkins, Smith & Cohen, LLP
One Beacon Street
Boston, Massachusetts 02108
(617) 854-4000

* Mr. Kaye is available at 301-948-5535

TO: Honorable Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Your applicant(s), named above hereby petition(s) for grant of a utility patent to him(them) or any assignee(s) of record, at the time of issuance, for an invention more particularly described in the following specification and claims, with the accompanying drawings, verified by the accompanying Declaration and entitled:

02/12/01
JC951 U.S. PTO

Please type a plus sign (+) in this box

02-13-01

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 12569-106

First Inventor or Application Identifier Michael C. Murphy

Title IMPROVED METHODS AND APPARATUSES FOR RECEIVING AND TRANSMITTING SIGNALS

Express Mail Label No. EL642053779US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning design patent application contents.</small>		ADDRESS TO <small>Assistant Commissioner for Patents Box Patent Application Washington, DC 20231</small>	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification & cover page [Total Pages 75] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 12]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 17 completed)</small> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 		10. <input type="checkbox"/> 37 C.F.R.§3.73(b)Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		11. <input type="checkbox"/> English Translation Document (if applicable)	
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
		13. <input type="checkbox"/> Preliminary Amendment	
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
		16. <input checked="" type="checkbox"/> Other: Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i); check for \$1463.00 (utility filing fee); and check for \$40.00 (assignment recordation).	

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ /

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		26486		or <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>		
Name	Jerry Cohen, Esq.					
Address	Perkins, Smith & Cohen, LLP One Beacon Street					
City	Boston	State	MA	Zip Code	02108	
Country	USA	Telephone	617-854-4000		Fax	617-854-4040

Name (Print/Type)	Jacob N. Erlich	Registration No. (Attorney/Agent)	24,338	
Signature			Date	February 12, 2001

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

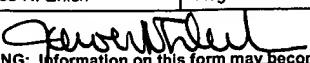
TOTAL AMOUNT OF PAYMENT (\$ 1463.00)

Complete if Known	
Application Number	N/A
Filing Date	Herewith
First Named Inventor	Michael C. Murphy
Examiner Name	N/A
Group / Art Unit	N/A

Attorney Docket No. 12569-106

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: (deficiencies only)</p> <p>Deposit Account Number <input type="text" value="03-2410; Order No. 12569-106"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Fee Code</th> <th style="width: 10%;">Large Entity Fee (\$)</th> <th style="width: 10%;">Small Entity Fee (\$)</th> <th style="width: 60%;">Fee Description</th> <th style="width: 20%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195 Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445 Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695 Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945 Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155 Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155 Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135 Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620 Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620 Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220 Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300 Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130 Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355 For each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355 Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr><td colspan="4" style="text-align: right;">Other fee (specify)</td><td><input type="text"/></td></tr> <tr> <td colspan="4" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td><td style="text-align: right;">SUBTOTAL (3) 40.00</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath	<input type="text"/>	127	50	227	25 Surcharge - late provisional filing fee or cover sheet	<input type="text"/>	139	130	139	130 Non-English specification	<input type="text"/>	147	2,520	147	2,520 For filing a request for reexamination	<input type="text"/>	112	920*	112	920* Requesting publication of SIR prior to Examiner action	<input type="text"/>	113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	<input type="text"/>	115	110	215	55 Extension for reply within first month	<input type="text"/>	116	390	216	195 Extension for reply within second month	<input type="text"/>	117	890	217	445 Extension for reply within third month	<input type="text"/>	118	1,390	218	695 Extension for reply within fourth month	<input type="text"/>	128	1,890	228	945 Extension for reply within fifth month	<input type="text"/>	119	310	219	155 Notice of Appeal	<input type="text"/>	120	310	220	155 Filing a brief in support of an appeal	<input type="text"/>	121	270	221	135 Request for oral hearing	<input type="text"/>	138	1,510	138	1,510 Petition to institute a public use proceeding	<input type="text"/>	140	110	240	55 Petition to revive – unavoidable	<input type="text"/>	141	1,240	241	620 Petition to revive – unintentional	<input type="text"/>	142	1,240	242	620 Utility issue fee (or reissue)	<input type="text"/>	143	440	243	220 Design issue fee	<input type="text"/>	144	600	244	300 Plant issue fee	<input type="text"/>	122	130	122	130 Petitions to the Commissioner	<input type="text"/>	123	130	123	130 Petitions related to provisional applications	<input type="text"/>	126	180	126	180 Submission of Information Disclosure Stmt	<input type="text"/>	581	40	581	40 Recording each patent assignment per property (times number of properties)	40	146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>	149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>	179	710	279	355 Request for Continued Examination (RCE)	<input type="text"/>	169	900	169	900 Request for expedited examination of a design application	<input type="text"/>	Other fee (specify)				<input type="text"/>	*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) 40.00
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**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete if applicable	
Name (Print/Type)	Jacob N. Erlich	Registration No. Attorney/Agent)	24,338	Telephone	617-854-4000		
Signature				Date	February 12, 2001		

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**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Michael C. Murphy
Title	IMPROVED METHODS AND APPARATUSES FOR RECEIVING AND TRANSMITTING SIGNALS
Atty Docket Number	12569-106

09291459
02/12/01

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

FEB 12, 2001

Date



Signature

Jacob N. Erlich, Reg. No. 24,338

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.